#6

FP-100 & FP-150

INSTALLATION MANUAL

DURAMAX DIESEL POWERED

Chevy & GMC TRUCKS

2001 thru 2010

High Performance Fuel System
With New Quick Connect Components!

PLEASE READ THE INSTRUCTIONS THOROUGHLY
BEFORE BEGINNING INSTALLATION

PureFlow AirDog

705 MAUSOLEUM ROAD
SHELBYVILLE, IN 46176

1-877-421-3187

www.pureflowairdog.com

CANADIAN PATENT 2,108,391

PROTECTED BY US PATENTS 5,355,860; 5,746,184; 6,729,310

AUSTRALIAN PATENT 2005101054

NEW ZEALAND PATENT 532356

Additional Foreign Patents Pending in Europe, South America, Mexico, Japan, and China!

Approved for Sale and Use in California by CARB!

SMALL and COMPACT

7″ Long X 3.2″ Wide X 10″ Tall

OVERVIEW

Welcome to **PureFlow® AirDog®**
Fuel Air Separation System for the Diesel Engine!

The AirDog® Fuel Air Separation System is a Premium Lift Pump and Filtration System with Fuel Air Separation for the DuraMax diesel engine. A complete installation kit is included.

The AirDog® delivers clean fuel to the engine free of virtually all air/vapor and at a positive flow. Thus, allowing the engine "test cell" performance and efficiency, while in "real world" use.

The AirDog® FP-100 is recommended for stock and slightly modified DuraMax Diesels.

The AirDog® FP-150 is recommended for highly modified DuraMax Diesels.

PureFlow® products are manufactured with a personal touch,
Unsurpassed attention to detail
And
The most stringent quality control!

TYPICAL INSTALLATION LAYOUT

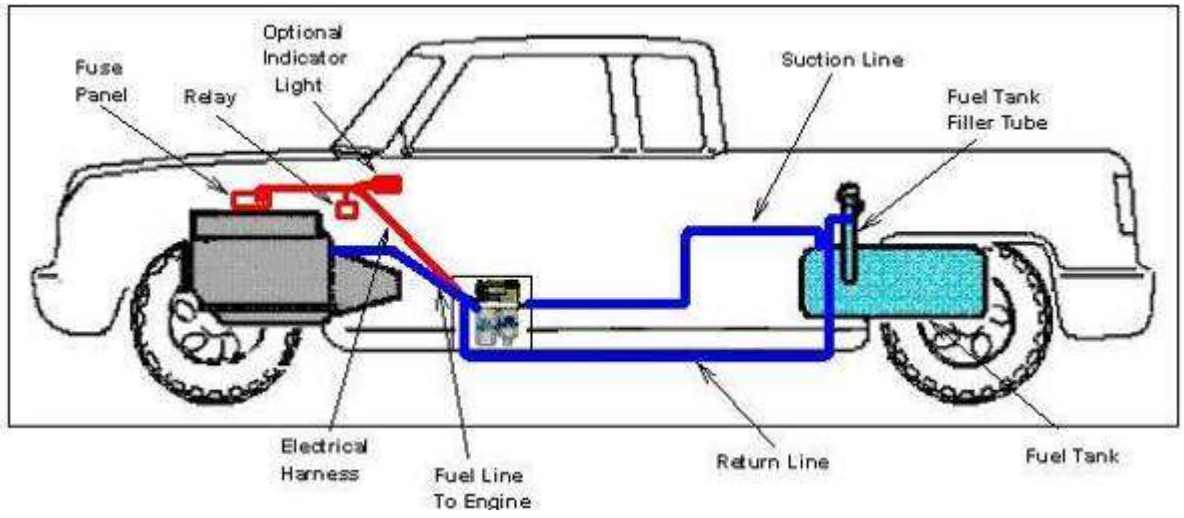

Figure 1

The AirDog® draws fuel from the fuel tank at constant flow, removing water, particulates, and entrained air/vapor. A regulated pressurized flow is maintained to meet the engine's varying fuel demands. The air/vapor separated by the AirDog® is returned to the fuel tank.

QUICK CONNECT COMPONENT OVERVIEW

Provided in this kit is an OE style Quick Connect System. This system works to allow for a quick, clean, and professional install.

SAE J2044 Quick Connect System

The SAE J2044 quick connect system is the most commonly used system in the automotive industry. The images below show the formation of SAE J2044 connection. To connect the assemblies, simply insert the male end form into the mating female connector. Push firmly until you hear it "click" into place. To disconnect the fittings, press down and hold the blue tabs on the female connector while you firmly pull the assembly apart.

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AirDog®

MODEL FP-100 & FP-150

The installation of your **AirDog®** can be made relatively easy by following the steps outlined in this manual, and:

1. Inventory the package components completely. Notify *PUREFLOW® AIRDOG* immediately of any parts missing or damaged.

2. Read the installation manual completely. Understand how the system operates and installation recommendations before beginning installation.

3. The installation recommendations contained herein are suggested installation guidelines only. Individual installations may vary.

4. If any installation procedure is uncertain, contact *PUREFLOW® AIRDOG* for technical assistance.

5. **When installing the AirDog® fuel lines be sure to keep the ORIGINAL ENGINE RETURN LINE connected as it is from the factory!**

SAFETY GUIDELINES!

CAUTION! Please be sure to chock the vehicle's tires to prevent rolling.

CAUTION! Please use proper supports when working beneath an elevated vehicle.

CAUTION! Most diesel pickups have two (2) 12volt batteries. Disconnect the battery cables to both batteries before proceeding with the AirDog® installation.

CAUTION! Vehicle frame rails should not be drilled into or welded upon.

CAUTION! Wear safety glasses when operating power tools such as drills and grinders or when using a punch or chisel.

CAUTION! Use common sense when routing fuel lines and electrical harnesses. Keep them away from hot exhaust components and/or moving parts. Properly secure lines to prevent chaffing.

Use Good Judgment and Common Sense When Installing the AirDog®!

AirDog® Parts List

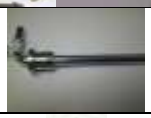
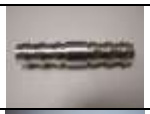
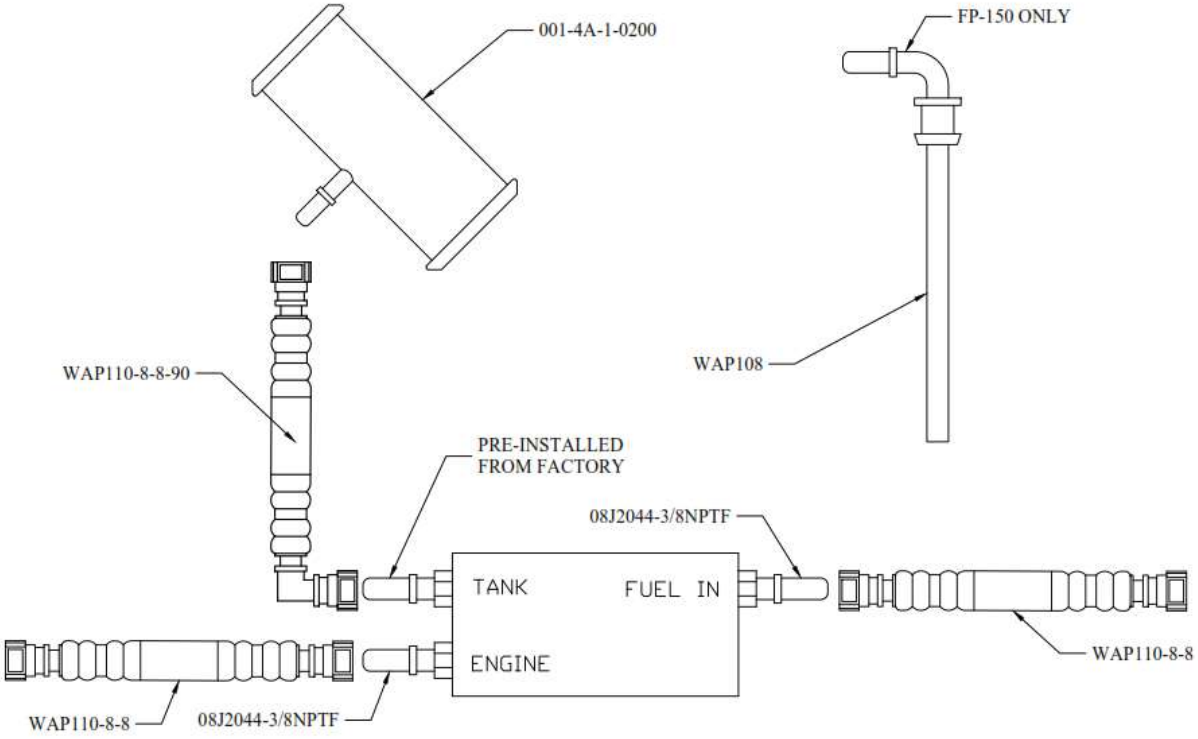
1	**Installation Manual**	201-1-0202	
1	***AirDog®***	FP-100 *Or* FP-150	
1	**AirDog® Mounting Bracket**	001-3C-0004	
1	**Mounting Hardware Kit**,	901-61-0102-PM-C	
1	**Frame Bracket**	010-3C-0002PC 010-3C-0001PC	
1	**Wiring Harness**	5E-2-010	
1	**Bundle of Plastic Ties**	5H-2-1-06/12	
1	**Return Fuel Filler Tube** (with 2 Clamps)	001-4A-1-0200	
1	**High Flow Suction Tube** (For FP-150's Only)	WAP108	
1	**Grommet** (For FP-150's Only)	5J-1-1-04-0001	
1	**Spacer**	010-3C-0003-A-P	
1	**Suction Hose Assembly**	WAP110-8-8	
1	**Pressure Hose Assembly**	WAP110-8-8	
1	**Return Hose Assembly**	WAP110-8-8-90	
1	**Customer Service Oring Replacement Kit**	901-05-0101	
3	**Push Lock Hose Splice**	001-4A-1-0026	
2	**1/2" Male J2004 Quick Connect x 3/8" NPTF**	08J2044-3/8 NPTF	

ILLUSTRATION OF QUICK CONNECT COMPONENTS



Installing the AirDog® & Mounting Brackets on the Truck's Frame!

Figure 2

Figure 3

4-1. Assemble the AirDog® mounting bracket to the frame bracket.

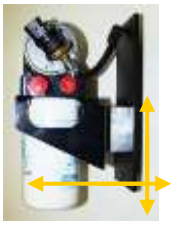


Figure 4

Figure 5

Figure 6

4-2. Use the spacer block to clear lines and wiring harnesses on the frame. Adjust the assembly up or down on the frame bracket as necessary for clearance.

4-3. Install a 1/2" J2004 QC x 3/8" NPTF male quick connect (08J2044-3/8NPTF) into the "ENGINE" and "FUEL IN" ports in the AirDog®.

Figure 7

WARNING: The NPT fitting threads must be lubricated with oil or anti-seize compound before installation to prevent galling!

4-4. Attach the AirDog® to the frame bracket assembly.

Figure 8

Installing the AirDog® & Mounting Brackets on the Truck's Frame, cont'd!

NOTE: The AirDog® can be mounted on the inside or the outside of the frame. Some bed and cab configurations may only allow system to mount on the outside of the frame.

Figure 9

Driver's Side Frame Rail.

Figure 10

4-5. Clamp the frame between the AirDog® bracket assembly and the backing plate using the 3/8" x 4" bolts, lock washers, and nuts included in the kit.

Figure 11

4-6. Position the AirDog® on the frame as necessary for clearance. Properly torque all fasteners! The bracket is adjustable so be sure to adjust for clearance before tightening brackets to frame.

Installing the AirDog Fuel Supply Line to the Engine

To install the AirDog fuel supply line to the engine you must first remove the (flexible) factory fuel line connecting the fuel tank to the frame mounted steel fuel line. It will be the larger of the two lines that are on the frame.

Figure 12

NOTE: The fuel tank connections are located behind the tank shield. It may be necessary to remove or bend the tank shield down to access the suction tube quick connect fitting.

Fuel Tank **Suction Tube**
Figure 13

5A-1. Remove the factory fuel supply line from the fuel tank suction tube. Place the 1/2" fuel line disconnect tool around the fuel line and press into the Quick Connect fitting to release the locks. Carefully pull the factory quick connect fitting and fuel line from the fuel tank suction fitting.

The DISCONNECT TOOL can be purchased from your local auto parts store. **This tool is not included in the kit**

The connection to the steel fuel line is located on the front of the fuel tank. It will be the larger of the two lines that are on the frame.

Figure 14

Figure 15

5A-2. Disconnect the other end of the fuel supply line from the steel line. This connection is located between the fuel cooler and the front of the fuel tank. You may now remove the 18" of factory flex line. **NOTE:** Some model years will not have a Fuel Cooler however the fuel line will be in the same location.

5A-3. Attach, by pushing, the female 1/2" SAE J2044 quick connect end (Figure 16) of the "Pressure Hose Assembly" onto the factory male quick connect that was disconnected in step 5A-2 (Figure 15). You will hear a "click" when properly connected and the final install will look like image 14.

Figure 16

5A-4. Insert the female quick connect end (see figure 17) of the "Pressure Hose Assembly" into the male quick connect fitting previously installed in the port marked "ENGINE". You will hear a "click" when properly connected.

Figure 17

5A-5. Any excess fuel hose can be addressed by routing the hose in a fashion to take up the extra length, or a section of the hose can be removed. Push lock splices have been included if you choose to remove the excess hose.

Figure 18

CAUTION: Properly secure all fuel lines to prevent damage from chaffing and/or abrasion.

AirDog® Fuel Return Line!

Installing the fuel 'Return to Tank' assembly in Filler Tube

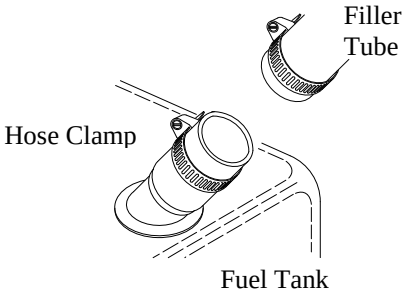


Figure 19

5B-1. Cut filler tube as illustrated, removing ½ inches. Loose assemble clamps on each end of filler tube.

Figure 20

Figure 21

5B-2. Insert “Return Fuel Filler Tube” assembly in filler tube. INSTALL THE FILLER TUBE WITH ARROWS POINTING TOWARD THE TANK!! SEE FIG 20 Properly tighten clamps.

5B-3. Insert the SAE female quick connect end (see Figure 21) of the “Return Hose Assembly” into the pre-installed male quick connect fitting in the port marked “Tank”. The fitting will “click” when properly installed.

5B-4 Attach the other end of the “Return Hose Assembly” onto the male end form of the “Return Fuel Filler Tube” installed in step 5C-2. A” click” will be heard when the fitting is properly connected.

5B-5 Any excess fuel hose can be addressed by routing the hose in a fashion to take up the extra length, or a section of the hose can be removed. Push lock splices have been included if you choose to remove the excess hose.

Fuel Suction Line for AirDog® FP-100 Only!

NOTE: The AirDog® FP-150 requires a ***High Flow*** Suction Tube. If you are installing an AirDog® FP-150 skip Section 5C and **go to Section 5D for the *High Flow* suction tube installation instructions!**

5C-1. Insert the female quick connect end (see figure 22) of the "Suction Hose Assembly" to the male fitting installed in the "Fuel In" port during step 4-3 of this manual. A "click" will be heard when the fitting is properly connected.

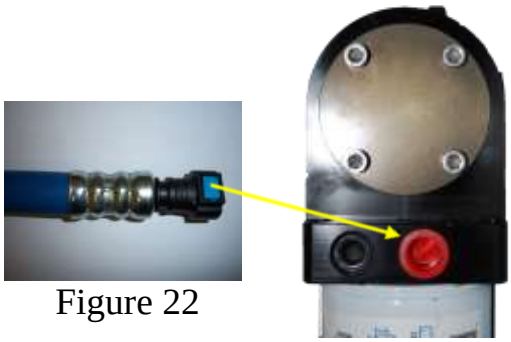


Figure 22

5C-2. It may be necessary to remove or bend the metal fuel tank shield (Figure 23) to gain access to the fuel tank suction line connection.

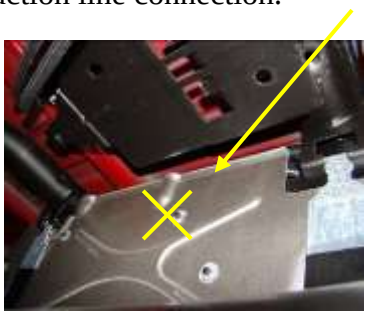


Figure 23

Fuel Tank Shield

5C-3. Route and attach the female ½" SAE J2044 end (Figure 25) of the "Suction Hose Assembly" to the male quick connect fitting on the sending unit. You will hear a "click" when properly connected.

Figure 25

5C-4 Any excess fuel hose can be addressed by routing the hose in a fashion to take up the extra length. Push lock splices have been included if you choose to remove the excess hose. **Hose clamps are NOT required when using the hose splices.**

INSTALLING THE AIRDOG® FP-150 *HIGH FLOW* SUCTION TUBE

NOTE: THE FUEL TANK USED FOR THE FOLLOWING PICTURES IS AN EXAMPLE ONLY AND MAY NOT BE EXACTLY THE SAME AS YOUR TANK.

The AirDog® 150 includes a ½" *High Flow* suction tube to accommodate the high flows of this system. To install the ½ suction tube it is necessary to either drop the fuel tank or to lift the truck bed.

NOTE: Should you choose to drop the fuel tank, support the tank as it is when it is installed on the truck. If you let it rest flat on the floor, the tank may squash out and the suction tube will be too short after the tank is re-installed in the truck. The suction tube, being cut too short may suck air as the fuel drops below ¼ tank level.

Figure 26

Figure 27

NOTE: Should you choose to pull the pickup bed to access the tank, be sure to disconnect the tail light wires, fuel tank filler tube, and any other accessories or components that may be secured to the frame and bed.

When Dropping the Tank, Always Remember Safety First!
If you choose to remove the bed, properly support the truck bed to prevent serious injury or death!

Figure 28

Figure 29

NOTE: THE TRUCK BED USED FOR THE FOLLOWING PICTURES IS FOR EXAMPLE ONLY AND MAY NOT BE EXACTLY THE SAME AS YOUR TRUCK BED.

INSTALLING THE HIGH FLOW SUCTION TUBE, cont'd

CAUTION: Select a location for the suction tube that has adequate clearance below the bed. Also consider that under hard acceleration, fuel will migrate toward the back of the fuel tank. Be sure the sending unit goes in the same way it was removed.

5D-1. Remove the sending unit from the fuel tank.

Figure 30

Figure 31

5D-2. Drill a 1-1/8" hole at the selected location in the fuel tank for the suction tube. Hold a container below the drill point to catch debris.

Figure 32

Figure 33

5D-3. Remove all burrs from the edge of the hole.

Figure 34

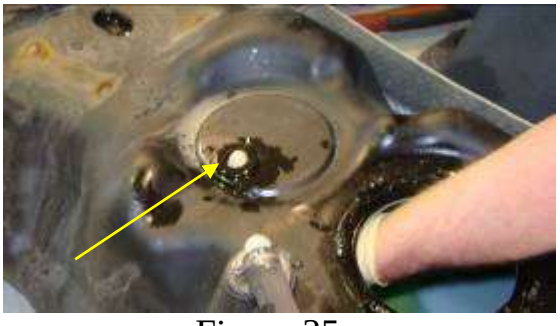


Figure 35

5D-4. Install the grommet in the new suction tube access hole.

INSTALLING THE HIGH FLOW SUCTION TUBE, Cont'd

5D-5. Measure and cut the suction tube to a length that will allow approximately ¼" clearance off the bottom of the tank. It is suggested to form the end of the tube similar to Figure 36.

Figure 36

5D-6. Lubricate the bulkhead fitting with motor oil. Pressing firmly, insert the suction tube assembly into the grommet. Be sure the bulkhead fitting is completely seated in the grommet.

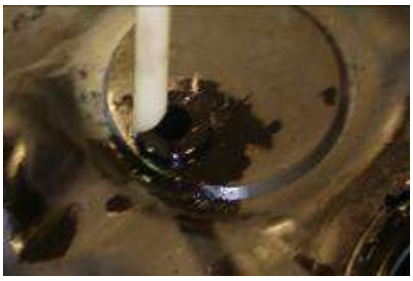


Figure 37

Figure 38

5D-8. Re-install the Collection basket.
Re-install the factory return line to the proper port of the Collection basket before the tank is fully re-installed.

Figure 39

5D-9. Connect the end of the "Suction Hose Assembly" to the bulk head fitting while it is easily accessible. A "click" will be heard when it is properly installed.

5D-10. Insert the female quick connect end (see figure 40) of the "suction hose assembly" into the male quick connect fitting previously installed in the port marked "FUEL IN". You will hear a "click" when properly connected.

INSTALLING THE HIGH FLOW SUCTION TUBE, Cont'd

Figure 40

5D-11 Any excess fuel hose can be addressed by routing the house in a fashion to take up the extra length, or a section of the hose can be removed. Push lock splices have been included if you choose to remove the excess hose.

5D-12. If the fuel tank was dropped to install the suction tube, re-install the fuel tank. If the truck bed was removed, reinstall the bed.

The *AirDog*® is equipped with a relay controlled wiring harness.

WIRING DIAGRAM (In Red)

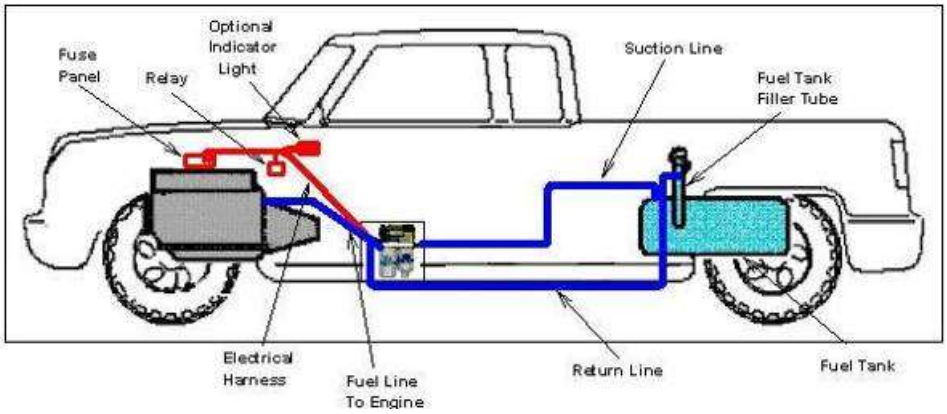


Figure 41

The AirDog® wiring harness!

AirDog® Pump Motor Lead

Pressure Sensor/Switch Lead

Indicator Light Lead

Battery Positive Lead

Battery Negative Lead

Mini Fuse Tap Relay Lead

Figure 42

CAUTION: If the ***OPTIONAL*** Low Pressure Indicator Light is not used, be sure to insulate the two (2) #10 Indicator Light connectors to prevent accidental contact. **The light kit is sold separately and is not included in the kit.**

Securing the Relay and Fuse Holder to the Vehicle

6-1. Secure the relay and fuse holder to the vehicle.

Figure 43

Figure 44

Connecting the AirDog® Relay Control

6-2. Remove the plastic housing (skirt) around the fuse box. On some models it may be necessary to remove the fender/cowl brace to allow access to the fuse box

6-3. After accessing the fuse panel, use a test light or voltmeter to find a fuse terminal that is ***HOT*** only when the ignition is in the on position. Connect the 'Red' Relay Trigger wire with the mini fuse tap to that terminal. Be sure to install the fuse that is removed back into the fuse tap we supply, once installed into the fuse box the fuse tap should have both fuse spots filled. **TBC Batt, Ign 1 or 2, Acc and HVAC are commonly used to supply power.**

Figure 45

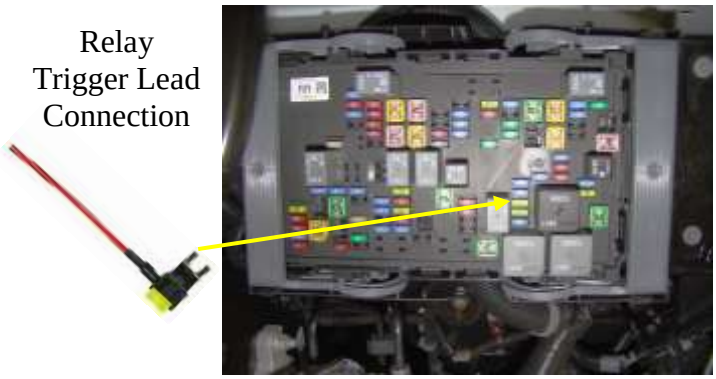


Figure 46

NOTE: The power supply leads can be connected to the battery or the alternator.

Connecting the power supply leads to the alternator instead of the battery will create a corrosion free connection.

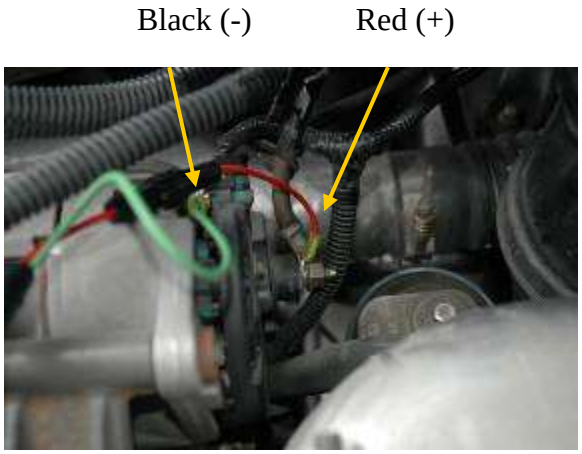


Figure 47

Figure 48

6-4A. Route the Red & Black power supply leads to the alternator. Connect the Black (-) lead to the alternator *Chassis Ground* connection. Connect the Red (+) lead to the alternator *Hot Lead* going to the battery.

Connecting the power supply leads, cont'd

6-4B. Should you choose to connect the power supply leads directly to the battery, connect the RED (+) lead to the POSITIVE (+) post of the driver's side battery. Connect the BLACK (-) lead to the NEGATIVE (-) post of the same battery.

Black (-) Red (+)

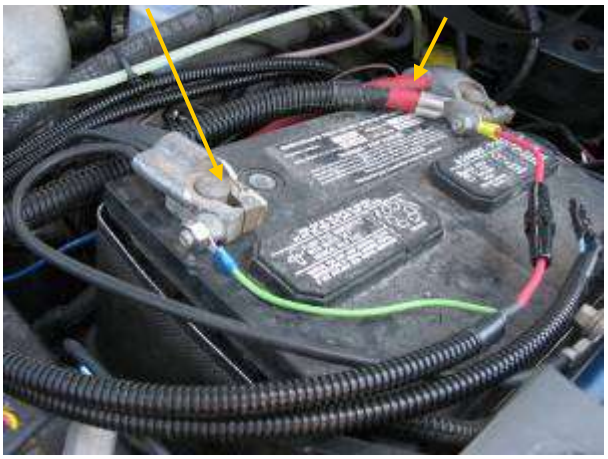


Figure 49

6-5. Route the wiring harness to the ***AirDog***® and connect the 2 pin Deutsch connector to the corresponding connector on the ***AirDog***®.

Figure 50

NOTE: If the Optional Indicator Light is not used, secure the pressure switch lead to the wiring harness with a plastic tie. Also, cover the pressure sensor lead to protect it you may want to use it later.

INITIAL START PROCEDURE

The ***AirDog***® is a self priming system, however, to prevent potential damage to the system, it is recommended to fill the pre-filter with diesel fuel before initial startup.

7-1. Fill the water separator with diesel fuel.

7-2. Turn the starter key to the on/run position.

7-3. While the ***AirDog***® is operating, bleed the air from the fuel line to the engine by loosening the fuel line connection at the engine fitting. As soon as the line is purged of air and pure fuel is observed, properly tighten the fuel fitting. **NOTE:** put a rag or shop towel over and around fitting to prevent splatter. Catch all spilled fuel and dispose of properly.

7-4. Start the engine!

RECHECK ALL FUEL FITTINGS FOR LEAKAGE AND PROPERLY TORQUE. BE SURE ALL FUEL LINES ARE PROPERLY ROUTED TO PROTECT FROM EXCESSIVE HEAT AND SECURED TO PROTECT FROM CHAFFING AND ABRASION. RECHECK ALL ELECTRICAL LINES, SECURE AS NECESSARY.

Checking Pump Noise!

NOTE: Each AirDog® has been manufactured in a Quality Controlled process and fully tested for operation and performance before shipment. This is a very quiet and smooth running system. However, if any fuel fitting on the vacuum side, between the fuel tank and the AirDog® or the pre-filter, has been left loose during the installation process, the system may suck air at an excessive rate and will be very noisy. To check for this problem, unscrew the pre-filter 3 or 4 full turns and activate the AirDog® by turning the ignition switch to on. If the AirDog® runs quietly, then excessive air from a loose fitting or leaking pre-filter seal is most likely the reason for the excessive noise. Correct as necessary.

A. The seal groove in the pre-filter is a snug fit and on occasion the seal has been found to not be fully seated. Remove the pre-filter, remove the seal from the top of the nut plate. Clean and lubricate the seal groove. Carefully replace the seal in the groove. Be sure to fully seat the seal.

B. Check the fittings, especially the quick connect at the tank.

Additionally, as the brushes wear in the noise level will diminish and the pump becomes very quiet!

Filter Service Recommendations

Plugging of either the fuel filter or the water separator itself will cause low fuel pressure and low flow to the engine. If a low fuel pressure issue exists, replace the fuel filter.

The Water Separator

Replace the water separator every other time you change the Fuel Filter or if it becomes damaged or plugged. It is suggested to check/drain the water separator every three months or as needed should you experience excessive 'water in fuel' conditions. When installing the water separator, be sure to clean the underside of the AirDog® base. Follow the instructions printed on the pre-filter for proper tightening procedures.

CAUTION: Be extremely careful to prevent any contaminates or debris from entering the pre-filter when removing it for cleaning! Large debris will jam the Gerotor and cause the fuse to blow. This is not a warranty item. Should this happen, you can easily put the system back into working order. See the instructions on "How to clean the Gerotor" for proper procedures.

The Fuel Filter

Remove the fuel filter by turning it counter clockwise. Do Not pre-fill the fuel filter with fuel. The AirDog® will fill the filter and prime the system automatically. Follow the instructions on the filter for proper tightening procedures.

CAUTION: Dispose of waste fuel and used filters properly to protect OUR environment!

Cleaning Foreign Debris from the Gerotor Assembly

Step 1
Remove the four (4) socket head cap crews that secure the gerotor cap.

Step 2
Carefully remove the O-ring, you will need to re-use it.

Step 3
Remove and clean the gerotor. Be very careful not to damage the gerotor.

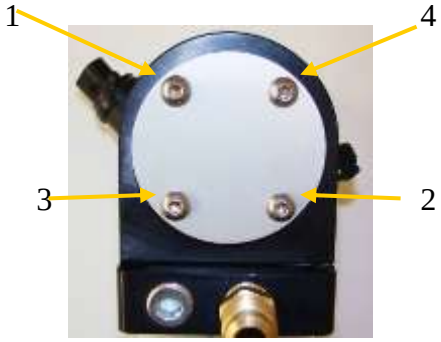
Step 4
Clean the inside of the gerotor pocket.

Step 5
Replace the O'ring and center gear.

Step 6
Align the teeth and install the outer gear.

Step 7
Install the gerotor cap. Be very careful to index the cap to position the wide space between the half moon cuts to the bottom.

Step 8
Replace the cap into position. Be very careful, do not pinch the O'ring. Torque the cap screws. in an opposing pattern.



PUREFLOW AIRDOG

LIFETIME LIMITED EXPRESS WARRANTY

FOR

Covered PureFlow AirDog I, II and Raptor Systems

IMPORTANT NOTICE

TO ACTIVATE YOUR PURFLOW AIRDOG WARRANTY, YOU MUST COMPLETE AND MAIL YOUR WARRANTY CARD TO PUREFLOW AIRDOG WITH A COPY OF YOUR ORIGINAL SALES RECEIPT WITHIN 30 DAYS OF PURCHASE. FAILURE TO COMPLETE AND SUBMIT YOUR WARRANTY CARD WILL RESULT IN A WARRANTY PERIOD OF THE COVERED PRODUCE TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

PureFlow AirDog (hereafter collectively, "SELLER") warrants and guarantees only to the Original Purchaser (hereafter collectively, BUYER) that All PureFlow AirDog Systems (hereafter collectively, PRODUCT) shall be free from defects of materials and workmanship in the manufacturing process for as long as the BUYER owns the PRODUCT.

The Lifetime Limited Express Warranty is limited to the PRODUCT purchased by the original BUYER of the PRODUCT and limited solely to the parts contained within the PRODUCT and EXCLUDES ALL ELSE INCLUDING FILTERS AND WATER SEPARATORS. Any PRODUCT that is in question of Warranty must be returned, shipped prepaid, to PureFlow AirDog. All Warranty claims are subject to the approval of PureFlow AirDog. If it is determined that a Warranty claim exists, PureFlow AirDog will, at its sole discretion, replace the defective PRODUCT with a comparable PRODUCT, repair the defective PRODUCT, or refund the BUYER"S purchase price in exchange for the PRODUCT. Repairs or replacements are warranted for only the remainder of the original warranty period and only to the original BUYER.

Under no circumstances shall the SELLER be liable for any labor charged or travel time incurred in the diagnosis for defects, removal, or reinstallation of the PRODUCT, or any contingent expense.

Under no circumstances will the SELLER be liable for any damage or expense incurred by reason of the use or sale of the PRODUCT.

Other than expressly set forth herein, the SELLER shall in no way be responsible for the proper or improper use and service of the PRODUCT. In no event shall the SELLER be liable for any special, incidental, indirect or consequential damages of any kind or nature, whether or not the BUYER of the PRODUCT was advised of the possibility of damage or harm, arising or resulting from the use or performance of the PRODUCT and BUYER hereby waives the right to any and all such claims.

BUYER, acknowledges that he/she is not relying on SELLER'S skill or judgment to select or furnish goods suitable for any particular purpose and that SELLER has no liability that will extend beyond the scope of the LIMITED EXPRESS WARRANTY contained herein, and BUYER hereby waives all remedies or liabilities, expressed or implied, arising by operation of law or otherwise.(including, without limitation, any obligation of SELLER with respect to fitness for any particular purpose; merchantability; and special, incidental, indirect or consequential damages) or whether or not occasioned by SELLER'S negligence.

SELLER disclaims any warranty and expressly disclaims any liability for personal inquiry or damages related to BUYER'S use of the PRODUCT. BUYER acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and BUYER agrees to indemnify SELLER and hold SELLER harmless from any claim related to the PRODUCT and its use or performance. Under no circumstances will SELLER be liable for any damages, liabilities, costs or expenses incurred as a result of or by reason of use, performance or sale of the PRODUCT, including without limitation, any damages, liabilities, costs or expenses incurred by reason of BUYER'S negligence related to those uses of the PRODUCT.

The proper installation of the PRODUCT is the sole responsibility of the BUYER. The SELLER assumes no liability regarding improper installation or misapplication of the PRODUCT.

SELLER hereby provides the following limited warranty as to description, quality, merchantability, fitness for the PRODUCT'S purpose, productiveness, or any other matter of SELLER'S PRODUCT sold herewith. The SELLER shall be in no way responsible for the open use and service of the PRODUCT and the BUYER hereby waives all rights other than those expressly written herein. This Warranty shall not be extended or varied except by a written instrument signed by SELLER and BUYER.

IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT, THE BUYER MAY PROMPTLY RETURN THE PRODUCT, IN A NEW AND UNUSED CONDITION, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN THIRTY (30) DAYS FROM THE DATE OF PURCHASE FOR A FULL REFUND. THE BUYER AGREES THAT THE INSTALLATION OF THIS PRODUCT CONFIRMS THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS THE TERMS AND CONDITIONS OF THIS AGREEMENT.

Warranty Procedure

In the unlikely event a warranty appears as if it may be warranted, the following steps are taken:

1. The customer discussed the symptoms of the problem with a PureFlow AirDog Technician. The customer is to have the system Serial Number and Model Number available for the Technician when the call is made. This will expedite all steps of the process.
2. The customer performs any and all tests requested by the PureFlow AirDog Technician. This is done to isolate the potential problem while eliminating potential installation or maintenance related issues,
3. If the PureFlow AirDog Technician determines based on the customer feedback concerning the requested testing that system may be at fault, the customer is advised that all returned pumps are tested upon arrival and should this returned pump perform at design criteria upon arrival, the customer will be charged a $50.00 fee.
4. The PureFlow AirDog Technician will first request the customer's phone number in the event the phone call is accidentally disconnected and then transfer the customer to a PureFlow AirDog Customer Service Representative. Should a Customer Service Representative not be available, the Technician will offer the Customer the option to hold, call back, or receive a return call.
5. The PureFlow AirDog Customer Service Representative will check to determine if the customer's Warranty Registration Card is on file.
    a. If no Warranty Registration is found, the customer will be required to supply the original purchase receipt showing the purchase date.
    b. If no Warranty Registration is found, the customer will be advised of the options should the system in question is out of the default warranty period (1 year).
6. The PureFlow AirDog Customer Service Representative will request the customer information, including: Name, Address, Phone Number, Model Number, Serial Number, Year / Make / Model of vehicle, Name of Dealer purchased from, Purchase Date, Description of Problem, Customers' understanding of the resolution, and customer credit card information.
7. PureFlow AirDog will cover Ground Shipping charges to ship the replacement unit and will include a prepaid shipping label for the return of the defective unit. Any additional items ordered at the time of the replacement shipment will include their portion of the shipping cost.
8. A period of 15 Calendar Days from the time of shipment is provided for the receipt of the defective unit at the PureFlow AirDog facility. Failure to return ship the defective unit to arrive within the defined time period will result in a charge of $250.00 against the customer's credit card as the purchase cost of the defective unit.